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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jonathan Alexander Terrett EXAMINER: Aeder, Sean
SERIAL NO : 10/510,507 ART UNIT: 1642
FILED : April 20, 2005
FOR : DIAGNOSIS OF CARCINOMA USING RAIG1 POLYPEPTIDES

DECLARATION UNDER 37 C.F.R. 1.132

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 October 3, 2006

Lois A. Snure
Name of Person Depositing Mail)

Lois A. Snure 10/3/06
(Signature and Date)

I, ALASDAIR CRAIG STAMPS as evidenced by my signature below, declare the following:

1. I am a Molecular Biologist, having received my Ph.D. degree in 1988 .
After that, I served as a postdoctoral fellow at the Royal Free Hospital London, and after that at the Institute of Cancer Research, Royal Marsden Hospital, London. I am currently employed as a Senior Scientist at UCB Celltech, Slough, Berks, UK.
2. My curriculum vitae is attached hereto as Exhibit A.
3. My principal area of research is therapeutic target discovery in human cancer.
4. I am not the inventor of subject matter claimed in the above-referenced patent application.


5. **Immunohistochemical Analysis of RAIG1 expression in cancer tissue.**

The immunohistochemical data presented with this Declaration shows that increased staining was seen in human colon cancer tissue sections incubated with anti-RAIG1 antibody, compared to adjacent sections to which the negative control antibody was applied. This data, which correlates with RAIG1 mRNA quantification data, indicates that an anti-RAIG1 antibody could be used to target RAIG1 in colon tumours and deliver a therapy, whether via antibody coupled toxin, induction of immune effectors or modulation of RAIG1 function, or any combination of these.

6. All statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application, or any patent issuing thereon.

Submitted by

ALASDAIR STAMPS



Date Signed: 28/09, 2006



CURRICULUM VITAE

Alasdair Stamps
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PROFILE

Molecular biologist with 20 years' experience in therapeutic target discovery in oncology and inflammatory disease.

PROFESSIONAL EXPERIENCE

1998 -2006 UCB – Celltech and Oxford Glycosciences

Positions held: Principal Scientist, Head of Gene Informatics, Head of Target Validation and Discovery

1995 - 1998 Yamanouchi Research Institute, Oxford

Position held: Senior Scientist

**1990 - 1995 Institute of Cancer Research, Royal Marsden
Hospital/Ludwig Institute for Cancer Research**

Position held: Postdoctoral Fellowship

1988 - 1990 Royal Free Hospital School of Medicine

Position held: Postdoctoral Fellowship

OTHER RELEVANT EXPERIENCE

Oxfordshire Bioinformatics Forum Steering Group Member
Oxfordshire Bioscience Network Advisor

EDUCATION & QUALIFICATIONS

**1981 - 1984 University of Aberdeen
BSc Biochemistry (Hons) 2.1**

**1984 - 1987 Beatson Institute for Cancer Research, Glasgow
PhD
"Transcriptional analysis of bovine papillomavirus type 4"**

PUBLICATIONS

Adam PJ, Terrett JA, Steers G, Stockwin L, Loader JA, Fletcher GC, Lu LS, Leach BI, Mason S, Stamps AC, Boyd RS, Pezzella F, Gatter KC, Harris AL.

CD70 (TNFSF7) is expressed at high prevalence in renal cell carcinomas and is rapidly internalised on antibody binding. *Br J Cancer* 2006 Aug 7;95(3):298-306.

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Adam PJ, Berry J, Loader JA, Tyson KL, Craggs G, Smith P, De Belin J, Steers G, Pezzella F, Sachsenmeier KF, Stamps AC, Herath A, Sim E, O'Hare MJ, Harris AL, Terrett JA.

Arylamine N-acetyltransferase-1 (NAT-1) Is Highly Expressed in Breast Cancers and Conveys Enhanced Growth and Resistance to Etoposide in Vitro. *Molecular Cancer Research* 2003 Sept 1;1(11).

Boyd RS, Adam PJ, Patel S, Loader JA, Berry J, Redpath NT, Poyser HR, Fletcher GC, Burgess NA, Stamps AC, Hudson L, Smith P, Griffiths M, Willis TG, Karran EL, Oscier DG, Catovsky D, Terrett JA, Dyer MJ.

Proteomic analysis of the cell-surface membrane in chronic lymphocytic leukemia: identification of two novel proteins, BCNP1 and MIG2B. *Leukemia*. 2003 Aug;17(8):1605-12.

McKenzie E, Young K, Hircock M, Bennett J, Bhaman M, Felix R, Turner P, Stamps A, McMillan D, Saville G, Ng S, Mason S, Snell D, Schofield D, Gong H, Townsend R, Gallagher J, Page M, Parekh R, Stubberfield C.

Biochemical characterisation of the active heterodimer form of human heparanase (Hpa1) protein expressed in insect cells. *Biochem J*. 2003 Jul 15;373(Pt 2):423-35.

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Comprehensive proteomic analysis of breast cancer cell membranes reveals unique proteins with potential roles in clinical cancer. *J Biol Chem*. 2003 Feb 21;278(8):6482-9.
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Hyaluronidase gene profiling and role of hyal-1 overexpression in an orthotopic model of prostate cancer. *Int J Cancer*. 2002 Feb 1;974:416-24.
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- Stamps AC, Davies SC, Burman J, O'Hare MJ.
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Harrison TJ, Lin Y, Stamps A, Dusheiko G, Zuckerman AJ.
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Stamps AC, Campo MS.
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RECENT CONFERENCE PRESENTATIONS

From High-Throughput Proteomics to Therapeutic Antibodies: Accelerating the Discovery Process.

Presented at Cambridge Health Institute's Beyond Genome 2002 Conference, San Diego, June 19th 2002

Proteomics and the Selection of Oncology Kinase Targets

Presented at SMI's Kinases Conference, London, April 10th 2003

Informatic Needs of the Bioscience Industry

Presented at ICT Networks/OxIT Cluster Conference & Exhibition, Oxford, March 25th 2004

Biologics & the Technology Revolution

Presented at Oxfordshire Bioscience Network's Business for Bioscience Course, Oxford, April 1st 2004